Index of Claims

| Appli | ication | /Control | No. |
|-------|---------|----------|-----|
|-------|---------|----------|-----|

10/057,926

Examiner

Brian J. Detwiler

Applicant(s)/Patent under Reexamination

YAMAGUCHI ET AL.

Art Unit

2173

| √  | Rejected |
|----|----------|
| II | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

Non-Elected N ı Interference

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim             | 1_           |  | Da                    | ate    |                |          |          |   | Cla   | im       |          |
|-------------------|--------------|--|-----------------------|--------|----------------|----------|----------|---|-------|----------|----------|
| Final<br>Original | 9/27/04      |  |                       |        |                |          |          |   | Final | Original |          |
| (1)               | 1            |  |                       |        |                |          |          | į |       | 51       |          |
| 2                 | 1            |  |                       |        |                |          |          |   |       | 52       |          |
| 3                 | 1            |  |                       |        |                | L        |          | - |       | 53       | Ш        |
| 4                 | V            | <u> </u>   |                       | _      | _              |          | Ш        | ļ |       | 54       |          |
| 5                 | 1            | $\vdash$   | $\sqcup$              | _      |                | <u> </u> | Ц        | - |       | 55       |          |
| 6<br>(7)          | 1            |  | $\vdash$              | _      | ⊢              |          | Н        | - |       | 56       | Н        |
| 8                 | 1            | <del>                                     </del> | $\vdash$              | -      |                | ├        | -        | - |       | 57<br>58 | Н        |
| 9                 | 1            |  | ┝╼├╌                  |        | ⊢              | ┝        | Н        | ŀ |       | 59       |          |
| 10                | 1            |  |                       | -      |                | ├        | $\vdash$ | L |       | 60       | Н        |
| 11                | 1            |  | ⊢⊹                    |        | H              | ┢┈       | H        | ŀ |       | 61       | Н        |
| 12                | 11           |  | $\vdash$              | +      | $\vdash$       | $\vdash$ | $\vdash$ | ı |       | 62       | Н        |
| 12<br>(13)        | 1            |  |                       |        |                | Ι        |          | ı |       | 63       | П        |
| (14)              | 1            |  |                       | 1      |                |          |          | ı |       | 64       |          |
| 15                | 1            |  |                       | $\top$ |                |          |          |   |       | 65       |          |
| 16                | 1            |  |                       |        |                |          |          |   |       | 66       |          |
| 17                | 1            |  |                       |        |                |          |          | L |       | 67       |          |
| 18                | V            |  | Ш                     |        | Ш              |          |          |   |       | 68       |          |
| 19                | 1            |  | $\sqcup$              |        | $\sqcup$       |          | Ц        | L |       | 69       |          |
| 20                | 4_           | <del>                                     </del> | -                     | -      | 1              |          | Ш        | ŀ |       | 70       |          |
| 21                | ╁            |  | $\vdash$              |        | $\vdash$       |          | Н        | ╌ |       | 71       |          |
| 22                | +            | <del>   </del>                                   | ⊢-                    | -      | $\vdash$       |          | Н        | H |       | 72<br>73 |          |
| 24                | +-           | <del></del>                                      | $\vdash$              |        | $\vdash$       |          | $\dashv$ | ŀ |       | 74       | $\dashv$ |
| 25                | +            | $\vdash$   | $\vdash$              | -      |                |          | Н        | ╁ |       | 75       | $\dashv$ |
| 26                | $\dagger$    |  |                       | _      | Н              | _        | Н        | ŀ |       | 76       |          |
| 27                | $\top$       |  |                       | 1      |                |          |          | H |       | 77       |          |
| 28                |              |  |                       |        |                |          | П        | Ī |       | 78       |          |
| 29                |              |  |                       |        |                |          |          | ſ |       | 79       |          |
| 30                |              |  |                       |        |                |          |          |   |       | 80       |          |
| 31                |              |  |                       |        |                |          |          |   |       | 81       |          |
| 32                |              |  |                       | _ _    | Ш              |          |          | L |       | 82       |          |
| 33                | <u> </u>     |  |                       | _      | Ш              |          | Щ        | L |       | 83       |          |
| 34                | ╀            | $\vdash \vdash$                                  |                       |        | Н              |          |          | L |       | 84       |          |
| 35                | ╆            | <del>  </del>                                    |                       |        | $\blacksquare$ |          | -        | - |       | 85       |          |
| 36<br>37          | +-           | <del></del>                                      | $\vdash$              | +      | $\vdash$       |          | 4        | ŀ |       | 86       |          |
| 38                | ╁            | <del>                                     </del> |                       |        | -              |          | -        | - |       | 87<br>88 |          |
| 39                | ╁╴           | <del>                                     </del> |                       |        | $\vdash$       |          |          | - |       | 89       | -        |
| 40                | +            |  | $\vdash$              | ╁      | Н              |          |          | - |       | 90       | $\dashv$ |
| 41                | +-           |  | $\vdash$              | +-     |                |          |          | - |       | 91       | $\vdash$ |
| 42                | T            |  | $\vdash$              | t      | Н              | _        |          | F |       | 92       | $\dashv$ |
| 43                | 1            |  | $\vdash$              | İ      |                |          |          | r |       | 93       | $\Box$   |
| 44                |              |  |                       |        |                |          |          | r |       | 94       |          |
| 45                |              |  |                       |        |                |          |          |   |       | 95       |          |
| 46                | $\perp$      |  |                       |        |                |          |          |   |       | 96       |          |
| 47                | _            |  |                       |        |                |          |          |   |       | 97       |          |
| 48                | 1_           |  |                       | $\bot$ | Ш              |          |          | 1 |       | 98       |          |
| 49                | <del> </del> | $\square$  | $\vdash \!\!\! \perp$ | -      | $\square$      |          |          | - |       | 99       |          |
| 50                | 1            | لــــــــــــــــــــــــــــــــــــــ          |                       | .1     | Ш              |          | Ш        | L |       | 100      |          |

| Cla      | aim                                    | Date         |              |              |          |          |  |          |          |          |  |
|----------|--|--------------|--------------|--------------|----------|----------|--|----------|----------|----------|--|
|          |  |              | Г            | Г            |          |          |  | Γ        | Г        |          |  |
| ۱ ـ      | Original                               | 1            |              |              |          |          |  |          |          |          |  |
| Final    | <u>:</u> 5                             |              |              |              |          |          |  |          |          |          |  |
| "        | ō                                      | 1            |              |              |          |          |  |          |          |          |  |
|          |  | _            |              |              | _        | L        | _  | <u> </u> | _        |          |  |
|          | 51                                     | <u> </u>     |              | L            |          |          |  |          |          | L        |  |
|          | 52                                     |              |              |              |          |          |  |          |          |          |  |
|          | 51<br>52<br>53                         |              |              |              |          |          |  |          |          |          |  |
|          | 54                                     |              | Г            |              |          |          |  | Г        |          |          |  |
|          | 55                                     | T            |              | _            |          |          | Г  |          |          | Г        |  |
|          | 56                                     | $\vdash$     | T            | -            |          | $\vdash$ | $\vdash$   | ┢        |          | -        |  |
| -        | 57                                     | $\vdash$     | ⊢            | -            |          | $\vdash$ | $\vdash$   | $\vdash$ |          | -        |  |
|          | 50                                     | ┈            | ⊢            |              | -        |          | -  | -        | -        | ├        |  |
|          | 58                                     | -            |              |              | ⊢        | _        |  | <u> </u> | _        | $\vdash$ |  |
|          | 59                                     | L-           |              | _            | <u> </u> | ļ        | <u> </u>   |          |          | ┡        |  |
|          | 60                                     |              | L            |              |          |          |  |          |          | ļ        |  |
|          | 61                                     | L            | $oxed{oxed}$ |              |          |          |  |          |          |          |  |
| L        | 62                                     | L            |              | L            | <u></u>  | L        | L  | L        | L        | L        |  |
|          | 63                                     |              |              |              |          | _        |  |          |          |          |  |
|          | 64<br>65                               |              |              |              |          |          |  |          |          |          |  |
|          | 65                                     | Г            |              |              | $\vdash$ |          | $\vdash$   |          | <u> </u> |          |  |
|          | 66                                     | $\vdash$     |              |              | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | -        |  |
|          | 67                                     | $\vdash$     |              |              | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ |  |
| -        | 68                                     | $\vdash$     | -            |              |          |          | -  | -        |          |          |  |
| -        | 60                                     | -            |              |              | ├        |          | -  | _        |          | ⊢        |  |
| <u> </u> | 69<br>70<br>71<br>72<br>73             | _            | _            | -            | <u> </u> | -        | -  | ┝        | _        | ├—       |  |
| <u> </u> | 70                                     | L            | <u> </u>     |              | <u> </u> | <u> </u> | _  |          |          | <u> </u> |  |
|          | /1                                     |              | _            |              | <u> </u> | _        | _  | _        |          | _        |  |
|          | 72                                     |              | _            | _            |          |          | L  | _        | _        | <u> </u> |  |
|          | 73                                     |              |              |              |          | _        |  |          |          | _        |  |
|          | 74<br>75<br>76<br>77<br>78<br>79<br>80 |              |              |              |          |          |  |          |          |          |  |
|          | 75                                     |              | _            |              |          |          |  | l        |          |          |  |
|          | 76                                     |              |              |              |          |          |  |          |          |          |  |
|          | 77                                     |              |              |              |          |          |  | Г        |          |          |  |
|          | 78                                     |              |              |              |          |          |  |          |          |          |  |
|          | 79                                     |              |              |              |          |          |  |          |          | $\vdash$ |  |
|          | 80                                     | -            |              | -            |          |          |  | $\vdash$ |          | _        |  |
|          | 81                                     | -            | _            |              |          |          |  | H        |          | $\vdash$ |  |
|          | 82                                     | $\vdash$     | _            |              | _        | _        | _  | -        | -        | -        |  |
|          | 83                                     | $\vdash$     |              | -            |          | _        | _  |          | -        |          |  |
| $\vdash$ | 03                                     | $\vdash$     | -            | $\vdash$     | <b>-</b> | <u> </u> | ļ  | <u> </u> | ļ        | -        |  |
|          | 84                                     | <u> </u>     |              | $\vdash$     | H        | _        | _  | <u> </u> | _        | <u> </u> |  |
| _        | 85                                     | <u> </u>     | _            | _            |          | _        | ļ  | <u> </u> | L        | _        |  |
| <u> </u> | 86                                     | L_           |              | L            |          |          | _  |          |          | _        |  |
| <u></u>  | 87                                     | $\Box$       |              | $oxed{oxed}$ |          | _        | <u> </u>   | L        | <u> </u> | <u>L</u> |  |
|          | 88                                     | $oxed{oxed}$ |              |              |          |          | <u> </u>   | L        |          | L        |  |
|          | 89                                     |              |              |              |          |          | L  |          |          |          |  |
|          | 90                                     |              |              |              |          |          |  |          |          |          |  |
|          | 91                                     |              |              |              |          |          |  |          |          |          |  |
|          | 92                                     |              |              |              |          |          |  |          |          |          |  |
|          | 93                                     | П            |              |              |          |          |  |          |          | Γ        |  |
|          | 94                                     |              |              |              |          |          |  |          |          |          |  |
|          | 95                                     |              |              | Г            |          |          | <u> </u>   |          |          |          |  |
|          | 96                                     |              |              |              |          | $\vdash$ |  |          | -        | -        |  |
|          | 97                                     |              |              | -            | H        | -        | <del>                                     </del> |          |          | $\vdash$ |  |
| $\vdash$ | 98                                     | $\vdash$     |              | -            |          | $\vdash$ | <u> </u>   |          |          | ⊢        |  |
| $\vdash$ |  | $\vdash$     | <u></u>      | $\vdash$     | H        | $\vdash$ | <u> </u>   |          | $\vdash$ | $\vdash$ |  |
| <u> </u> | 99                                     | <u> </u>     |              | _            |          |          | _  |          |          | -        |  |

| Cla       | aim        |          |          |          | (        | Date         | е            |          |                |                |
|-----------|------------|----------|----------|----------|----------|--------------|--------------|----------|----------------|----------------|
|           |            |          |          |          |          |              |              |          |                |                |
| Final     | Original   |          |          |          |          |              |              |          |                |                |
| 這         | Ç          |          |          |          |          |              |              |          |                |                |
|           |            |          | L        |          |          | L            |              |          | _              |                |
|           | 101<br>102 |          |          | L        |          |              |              |          |                |                |
|           | 102        |          |          | L.       |          |              |              |          |                | Ш              |
|           | 103        | L_       |          |          |          |              | L            |          | L              |                |
|           | 104        | _        |          | _        |          | _            | _            | _        | _              | Щ              |
|           | 105        |          |          | _        |          | _            |              |          |                | Щ              |
|           | 106        | _        | _        | <u> </u> | _        | _            | _            | <u> </u> | _              | $\square$      |
|           | 107        | _        | _        | _        |          | -            | -            | -        | ļ              |                |
|           | 108        | ļ        |          | ļ        | <u> </u> |              | <u> </u>     |          | -              |                |
|           | 109        | <u> </u> |          | <u> </u> | _        | <del> </del> | <u> </u>     | <u> </u> |                |                |
|           | 110        | _        |          |          | $\vdash$ | H            | <u> </u>     | $\vdash$ | $\vdash$       | -              |
|           | 111<br>112 | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | <u> </u>     | $\vdash$ | $\vdash$       | $\vdash$       |
|           | 112        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | <u> </u>     | $\vdash$ | ├              | $\vdash$       |
| <b></b> - | 113        |          |          | ├—       |          | -            |              | ├-       | <del> </del> — | $\vdash\vdash$ |
|           | 114<br>115 | -        | $\vdash$ | $\vdash$ | -        | $\vdash$     | <del> </del> | $\vdash$ | -              | $\vdash$       |
|           | 116        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | <del> </del> | $\vdash$ | $\vdash$       | $\vdash\vdash$ |
|           | 117        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     |              | $\vdash$ | -              | $\vdash\vdash$ |
|           | 118        | -        |          |          |          |              |              |          |                | $\vdash$       |
|           | 119        | -        | ├─       | $\vdash$ | ├        | -            |              |          |                |                |
|           | 120        | -        | -        | -        | ├─       | -            |              | -        | -              | -              |
|           | 120<br>121 |          |          |          |          |              |              | -        |                |                |
|           | 122        | _        |          |          | $\vdash$ |              |              | $\vdash$ | ┢              | $\dashv$       |
|           | 122<br>123 |          |          |          |          | H            |              |          |                | H              |
|           | 124        |          | _        |          |          | $\vdash$     |              |          |                | $\vdash$       |
|           | 125        |          |          |          |          |              |              |          | _              | -              |
|           | 125<br>126 |          |          |          |          |              |              | _        |                | -              |
|           | 127        | _        |          |          |          |              |              |          | $\vdash$       | Н              |
|           | 128        |          |          |          |          |              |              |          | $\vdash$       | П              |
|           | 129        |          |          |          |          |              |              |          |                |                |
|           | 130<br>131 |          |          |          |          |              |              |          |                |                |
|           | 131        |          |          |          |          |              |              |          |                |                |
|           | 132        |          |          |          |          |              |              |          |                |                |
|           | 133        |          |          |          |          |              |              |          |                |                |
|           | 134        |          |          |          |          |              |              |          |                |                |
|           | 135        |          |          |          |          |              |              |          |                |                |
|           | 136        |          |          |          |          |              |              |          | L              |                |
|           | 137        |          |          | Ш        | L        |              |              |          | $\Box$         |                |
|           | 138        |          | _        |          | <u> </u> |              |              |          | _              |                |
|           | 139        |          |          |          |          |              |              |          | <u> </u>       |                |
|           | 140        |          | _        | _        |          | L            |              |          |                |                |
|           | 141        |          | _        | _        |          | Щ            |              |          | L              |                |
|           | 142        |          | Ь.       | <u> </u> | <u> </u> |              |              | _        | L              |                |
|           | 143        |          | <u> </u> |          | <u> </u> | Щ            |              |          |                | Щ              |
|           | 144        |          | H        | $\vdash$ |          | $\vdash$     |              |          | <u> </u>       | $\square$      |
|           | 145        |          | ļ        | $\vdash$ | _        | $\vdash$     |              |          | <u> </u>       | $\Box$         |
|           | 146        |          | _        |          | _        | $\vdash$     |              |          |                |                |
|           | 147<br>148 |          |          | $\vdash$ |          | -            |              |          | H              | $\sqcup$       |
| L         | 148        | _        |          | Н        |          | $\vdash$     |              |          |                | $\sqcup$       |
|           | 149        | _        | -        | $\vdash$ |          | Ш            |              |          |                | $\sqcup$       |
|           | 150        |          |          | لــــا   | L_       | Ш            |              |          |                |                |